

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Harold G. Craighead et al.

Examiner: Unknown

Serial No.: Unknown

Group Art Unit: Unknown

Filed: Herewith

Docket: 1153.032US1

Title: MONOLITHIC NANOFLUID SIEVING STRUCTURES FOR DNA MANIPULATION

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir,

Prior to examination of the above-referenced case, please amend the above-identified patent application as follows:

### In the Specification

Please substitute page 1, paragraph 1 for the paragraph in the appendix entitled “Clean Version of Page 1, Paragraph 1.” Specific amendments to page 1, paragraph 1 are detailed in the following marked-up paragraph:

This application is a continuation of International Patent Application No. WO 00/00012, filed January 12, 2000, which [The present application] claims the benefit of Provisional Application No. 60/115,854, filed January 13, 1998, and entitled “Monolithic Nanofluid Sieving Structures for DNA Manipulation”, the disclosure of which is hereby incorporated herein by reference.

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect the addition of new claims 25-40. The specific amendments to individual claims are detailed in the following marked up set of claims.

(New) A method of forming a fluidic system, the method comprising:  
forming a patterned sacrificial layer on a substrate;  
forming a ceiling layer on the patterned sacrificial layer; and  
removing the patterned sacrificial layer.